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4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s): 10/870,089

B. Patent No(s):  
Additional numbers attached?  YES  NO

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Robert Popa</u> <u>LADAS &amp; PARRY</u></p> <p>Internal Address: _____ Street Address: <u>5670 Wilshire Boulevard, #2100</u> City: <u>Los Angeles</u> State: <u>CA</u> Zip: <u>90036</u></p>	<p>6. Total number of application and patents involved: <input checked="" type="checkbox"/> 1</p> <p>7. Total fee 937 CFR 3.41).....\$ <u>40.00</u> <input type="checkbox"/> Enclosed</p> <p>Any additional fees which may be required are <input checked="" type="checkbox"/> Authorized to be charged to deposit account No. <u>12-0415</u></p> <p>8. Deposit account number: _____</p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>
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Robert Popa  
Name of Person Signing

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4. Application number(s) or patent number(s):  
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A. Patent Application No(s):  
10/870089

B. Patent No(s):  
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<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Richard P. Berg</u> <u>LADAS &amp; PARRY</u> Internal Address: _____ Street Address: <u>5670 Wilshire Boulevard, #2100</u> City: <u>Los Angeles</u> State: <u>CA</u> Zip: <u>90036</u></p>	<p>6. Total number of application and patents involved: <input type="checkbox"/> 1</p> <p>7. Total fee 937 CFR 3.41).....\$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed</p> <p>Any additional fees which may be required are <input checked="" type="checkbox"/> Authorized to be charged to deposit account No. <u>12-0415</u></p> <p>8. Deposit account number: _____ (Attach duplicate copy of this page if paying by deposit account)</p>
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9. Statement and signature.  
*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Richard P. Berg  
Name of Person Signing  
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Attorney's Docket No. B-5464 621933-0

Patent

For:  U.S. and/or  Foreign Rights  
For:  U.S. Application or  U.S. Patent  
For:  PCT Application  
By:  Inventor(s) or  Present Owner

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration.

**ASSIGNOR:**

(inventor(s) or person(s) or entity(ies) who own the invention)

Koji MAEKAWA, Tetsuya ONUMA and Takeshi ITO

(type or print name(s) of ASSIGNOR(S))

c/o Tohoku Pioneer Corporation

(Address)

No. 1105 Aza-Nikko, Oaza-Kunomoto, Tendo-shi

Yamagata-ken, Japan

Japan

(Nationality)

(if assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO, add the following)

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hereby sells, assigns and transfers to ASSIGNEE:

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(type or print name(s) of ASSIGNEE(S))

No. 4-1, Meguro 1-chome, Meguro-ku,

(Address)

Tokyo-to, Japan

Japan

(Nationality)

**ASSIGNEE:**

TOHOKU PIONEER CORPORATION

(type or print name(s) of ASSIGNEE(S))

No. 1105 Aza-Nikko, Oaza-Kunomoto, Tendo-shi

Yamagata-ken, Japan

Japan

(Nationality)

and the successors, assigns and legal representatives of the ASSIGNEE  
(Assignment of Invention [16-3]--page 1 of 3)

Pat-0317308

(complete one of the following)

the entire right, title and interest

an undivided \_\_\_\_\_ percent (\_\_\_\_\_) interest for the United States and its territorial possessions

(check the following box if foreign rights are also to be assigned)

and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

**SPEAKER APPARATUS TO BE MOUNTED ON A VEHICLE**

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and which is found in

(a)  U.S. patent application executed on even date herewith

(b)  U.S. patent application executed on \_\_\_\_\_

To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney, as named in the Declaration and Power of Attorney I executed for this invention on the execution date stated above, to insert below the filing date and application number when it becomes known.

(c)  U.S. Application serial no. 09/ \_\_\_\_\_ filed on \_\_\_\_\_

(d)  International application no. PCT/ \_\_\_\_\_ / \_\_\_\_\_

(e)  U.S. Patent no. \_\_\_\_\_ issued \_\_\_\_\_

A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

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(f)  and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any reissue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

(Assignment of Invention [16-3]--page 2 of 3)

IN WITNESS WHEREOF, I/We have hereunto set hand and seal  
this 20th day of MAY 2004 (date of signing).

Warning: Date of signing must be the same as the date of execution of the application  
if item (a) was checked above.

*X. K. Clark*  
*Takeshi Ito*  
TAKESHI ITO

Signature of ASSIGNOR(S)

(Assignment of Invention [16-3]--page 3 of 3)